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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/608,818	06/30/2003	Jari Karjala	004770.00134	7985

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BANNER & WITCOFF
1001 G STREET N W
SUITE 1100
WASHINGTON, DC 20001

EXAMINER

OKORONKWO, CHINWENDU C

ART UNIT	PAPER NUMBER
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2136

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/11/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/608,818

Applicant(s)

KARJALA ET AL.

Examiner

Chinwendu C. Okoronkwo

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 June 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 20070401.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

1. Pursuant to USC 131, claims 1-14 are presented for examination.
2. Claims 1-14 are pending.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-14 are rejected under 35 U.S.C. 102(e) as being disclosed by Ogawa et al. (European Patent No. 1475721 A1).

Regarding claim 1, Ogawa et al., discloses a method for conducting secure communications, comprising: (a) connecting a user device via a publicly-accessible network to a server; (b) receiving a certificate; (c) calculating an identifier of the received certificate and converting it to a character string; (d) modifying the string by removing at least one random character from the string; (e) displaying the modified string; (f) receiving, from a user previously provided with the identifier through a trusted medium, input corresponding to the at least one removed character; and (g) continuing connection to the server only if the

user input matches the at least one removed character (0024-0034).

Regarding claim 2, Ogawa et al., discloses the method of claim 1, further comprising randomly selecting multiple characters for removal (0035-0036).

Regarding claim 3, Ogawa et al., discloses the method of claim 2, wherein the randomly selected characters are replaced with a character indicating the replacement (0024-0036).

Regarding claim 4, Ogawa et al., discloses the method of claim 2, wherein the modified string is displayed with spaces replacing the removed characters (0039-0041).

Regarding claim 5, Ogawa et al., discloses the method of claim 1, wherein the device is a mobile telephone and the at least one removed character is a digit (0026, 0035-0036 and 0047).

Regarding claim 6, Ogawa et al., discloses the method of claim 1, wherein receiving the certificate comprises receiving the certificate from a certification authority (0024-0034).

Regarding claim 7, Ogawa et al., discloses the method of claim 1, wherein the position of the at least one character removed from the string is different during a subsequent connection attempt (0035-0036).

Regarding claim 8, Ogawa et al., discloses the method of claim 1, wherein the at least one removed character is removed based on the capabilities of the user device (0035-0036).

Regarding claim 9, Ogawa et al., discloses the method of claim 1, wherein receiving input corresponding to the at least one removed character comprises receiving input from a user previously provided with the identifier through a one of the mail or a company newsletter (0041-0043).

Regarding claim 10, Ogawa et al., discloses the method of claim 1, wherein the at least one removed character is a digit, and wherein no non-digit characters are removed (0035-0036).

Regarding claim 11, Ogawa et al., discloses the method of claim 1, further comprising: repeating steps (a) through (g) on each attempt to connect the device to the server (Rejected under the same rationale as claim 1).

Regarding claim 12, Ogawa et al., discloses the device for secure communication with a server via a publicly accessible network, comprising: an interface to a publicly accessible network; and a processor configured to perform steps comprising: receiving, via the interface, a certificate from a remotely located server, calculating an identifier of the received certificate and converting it to a character string, modifying the string by removing at least one random character from the string, displaying the modified string, receiving, from a user of the device previously provided with the identifier through a trusted medium, input corresponding to the at least one removed character, and continuing connection to the server only if the user input matches the at least one removed character (Rejected under the same rationale as claim 1).

Regarding claim 13, Ogawa et al., discloses the machine-readable medium having machine-executable instructions for performing steps comprising: (a) connecting a user device via a publicly-accessible network to a server; (b) receiving a certificate; (c) calculating an identifier of the received certificate and converting it to a character string; (d) modifying the string by removing at least one random character from the string; (e) displaying the modified string; (f) receiving, from a user previously provided with the identifier through a trusted medium, input corresponding to the at least one removed character; and (g) continuing connection to the server only if the user input matches the at least one removed character (Rejected under the same rationale as claim 1).

Regarding claim 14, Ogawa et al., discloses the method for conducting secure communications, comprising: (a) connecting a user device via a publicly-accessible network to a server; (b) receiving a certificate; (c) receiving a modified identifier, the identifier having previously been calculated for the certificate outside of the user device and modified outside of the user device by removal of at least one random character; (e) displaying the modified identifier; (f) receiving, from a user previously provided with the identifier through a trusted medium, input corresponding to the at least one removed character; and (g) continuing connection to the server only if the user input matches the at least one removed character (Rejected under the same rationale as claim 1).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chinwendu C. Okoronkwo whose telephone number is (571) 272 2662. The examiner can normally be reached on MWF 9:30 - 7:00.

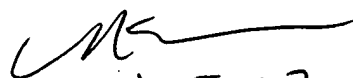
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser Moazzami can be reached on (571) 272 4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


CCO

January 4, 2007

NASSER MOAZZAMI
SUPERVISORY PATENT EXAMINER
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